

IN THE SPECIFICATION:

Please amend page 3, third full paragraph bridging page 4 to read as follows:

BRIEF DESCRIPTION OF THE DRAWINGS

Figure 1A is a elevational view of device for alignment of a vehicle A.

Figure 1B shows the alignment device shown in Fig. 1A viewed from above.

Figure 2A shows a measurement device comprising a measurement frame fitted on an alignment table. Centering of the measurement device in compliance with the center line of the vehicle is shown, and, as shown in the figure, support arms in accordance with the invention are fitted between the measurement frame and the vehicle.

Figure 2B shows the apparatus in accordance with the invention viewed from above, four support arms being arranged to be coupled with the vehicle to be aligned.

Figure 2C is a sectional view taken along the line I-I in Fig. 2B.

Figure 2D illustrates the apparatus arrangement shown in Fig. 2C as viewed in the direction of the arrow k₁.

Figure 3A shows a measurement system in accordance with the invention in which a

measurement head 65 is connected to a measurement arm 40 though an articulation 41 and arms 42 and 43. The figure illustrates the measurement device arrangement in accordance with the invention.

Figure 3B is an exploded view of the measurement apparatus of the invention connected to the measurement arm.

Figure 3C shows holes situated in an end face 44b of a sleeve 44, a ball/balls being positioned in said holes in locking positions.

Figure 3D is a cross-sectional view of the arm 42. It shows holes situated with an angular spacing of 90°, balls being positioned in said holes in a locking situation.

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Figure 3E is a cross-sectional view of the arm 42. It shows holes on a opposite side of arm 42 than those of Figure 3D, situated with an angular spacing of 90°, balls being positioned in said holes in a locking situation.

Figure 4 illustrates measurements carried out by means of the apparatus in accordance with the invention. The measurements are denoted with reference numerals 1, 2 ... and 5.

Figure 5A-5E show on an enlarged scale the measurement points shown by numeral 1-5 in Fig. 4.

Marked-up version of page 3, third full paragraph bridging page 4 , as amended.

BRIEF DESCRIPTION OF THE DRAWINGS

Figure 1A is a elevational view of device for alignment of a vehicle A.

Figure 1B shows the alignment device shown in Fig. 1A viewed from above.

Figure 2A shows a measurement device comprising a measurement frame fitted on an alignment table. Centering [Centring] of the measurement device in compliance with the center [centre] line of the vehicle is shown, and, as shown in the figure, support arms in accordance with the invention are fitted between the measurement frame and the vehicle.

Figure 2B shows the apparatus in accordance with the invention viewed from above, four support arms being arranged to be coupled with the vehicle to be aligned.

Figure 2C is a sectional view taken along the line I-I in Fig. 2B.

Figure 2D illustrates the apparatus arrangement shown in Fig. 2C as viewed in the direction of the arrow k₁.

Figure 3A shows a measurement system in accordance with the invention in which a measurement head 65 is connected to a measurement arm 40 though an articulation 41 and arms

42 and 43. The figure illustrates the measurement device arrangement in accordance with the invention.

Figure 3B is an exploded view of the measurement apparatus of the invention connected to the measurement arm.

Figure 3C shows holes situated in an end face 44b of a sleeve 44, a ball/balls being positioned in said holes in locking positions.

Figure 3D is a cross-sectional view of the arm 42. It shows holes situated with an angular spacing of 90°, balls being positioned in said holes in a locking situation.

Figure 3E is a cross-sectional view of the arm 42. It shows holes on a opposite side of arm 42 than those of Figure 3D, situated with an angular spacing of 90°, balls being positioned in said holes in a locking situation.

Figure 4 illustrates measurements carried out by means of the apparatus in accordance with the invention. The measurements are denoted with reference numerals 1, 2 ... and 5.

Figure 5A-5E show on an enlarged scale the measurement points shown by numeral 1-5 in Fig. 4.

Please amend page 7, first full paragraph , to read as follows:

Fig. 2D illustrates the apparatus viewed in the direction of the arrow K₁ in Fig. 2C, i.e. from above. The transverse guide 16a₁, 16a₂, 16a₃... comprises a plate part 16d situated at its ends perpendicularly to its bridge beam 16c, which plate part 16d includes a number of bearings 16b, which are fitted in said plate part 16d and arranged to travel along with the plate part in longitudinal guide groove U₃ in the longitudinal guide 15a₁.

Marked-up version of page 7, first full paragraph , as amended.

Fig. 2D illustrates the apparatus viewed in the direction of the arrow K₁ in Fig. 2C, i.e. from above. The transverse guide 16a₁, 16a₂, 16a₃,... comprises a plate part 16d situated at its ends perpendicularly to its bridge beam 16c, which plate part 16d includes a number of bearings 16b, which are fitted in said plate part 16d and arranged to travel along with the plate part in longitudinal guide groove U₃ in the longitudinal guide 15a₁.

Please amend page 10, first full paragraph , to read as follows:

As shown in Fig. 3B, the second arm part 43 is placed in the inner space D of the first arm part 42 as shown by the arrow L, such that springs 61a₁, 61a₂ and balls 62a₁, 62a₂ ... situated in holes 60a₁, 60a₁; 60a₂, 60a₂... at the end of the second arm part 42 will be cooperative with the holes 55a₁', 55a₁, 55a₂', 55a₂ ... or 56a₁', 56a₁... of the first arm part 42. The springs 61a₁ and 61a₂ and the balls 62a₁, 62a₂ ... are cooperative with the holes 56a₁', 56a₁, 56a₂', 56a₂ or with the holes 55a₁', 55a₁, 55a₂', 55a₂ at either end of the first arm part 42, i.e. the first arm part can be placed by a linear movement L₁ to alternative length positions with respect to the first arm part 42. The balls 62a₁, 62a₂, 62a₃, 62a₄ ... are preferably situated on the opposite sides of the arm 43, in their holes 56a₁, 56a₁', into which the springs 61a₁, 61a₂, ... are placed.

Marked-up version of page 10, first full paragraph , as amended.

As shown in Fig. 3B, the second arm part 43 is placed in the inner space D of the first arm part 42 as shown by the arrow L, such that springs 61a₁, 61a₂ and balls 62a₁, 62a₂ ... situated in holes 60a₁, 60a₁; 60a₂, 60a₂... at the end of the second arm part 42 will be cooperative with the holes 55a₁', 55a₁, 55a₂', 55a₂ ... or 56a₁', 56a₁... of the first arm part 42. The springs 61a₁ and 61a₂ and the balls 62a₁, 62a₂ ... are cooperative with the holes 56a₁', 56a₁, 56a₂', 56a₂ or with the holes 55a₁', 55a₁, 55a₂', 55a₂ at either end of the first arm part 42, i.e. the first arm part can be placed by a linear movement L₁ to alternative length positions with respect to the first arm part 42. The balls 62a₁, 62a₂, 62a₃, 62a₄ ... are preferably situated on the opposite sides of the arm 43, in their holes 56a₁, 56a₁, into which the springs 61a₁, 61a₂, ... are placed.

Please amend page 11, first full paragraph , to read as follows:

As shown in Fig. 3C, the holes 45a₁, 45a₂, 45a₃, 45a₄ ... are situated with an angular
spacing of 45° on the end face 44b of the sleeve 44. The balls 46a₁, 46a₂ are positioned in the
holes 45a₁, 45a₂, 45a₃... in a locking situation.

Marked-up version of page 11, first full paragraph , as amended.

As shown in Fig. 3C, the holes 45a₁, 45a₂, 45a₃, 45a₄ ... are situated with an angular spacing of 45° on the end face 44b of the sleeve 44. The balls 46a₁, 46a₂ are positioned in the holes 45a₁, 45a₂, 45a₃... in a locking situation.

Please amend page 12, first full paragraph , to read as follows:

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Fig. 3D shows the holes 56a₁, 56a₂, 56a₃, 56a₄ of the arm 42 into which the balls 62a₁, 62a₂... are pressed by the springs 61a₁, 61a₂ in any given locking situation. The holes are provided with an angular spacing of 90°, thereby enabling the arm 43 to have eight different locking positions when turning it around its longitudinal axis X₃₀.

Marked-up version of page 12, first full paragraph , as amended.

Fig. 3D shows the holes 56a₁, 56a₂, 56a₃, 56a₄ of the arm 42 into which the balls 62a₁, 62a₂... are pressed by the springs 61a₁, 61a₂ in any given locking situation. The holes are provided with an angular spacing of 90°, thereby enabling the arm 43 to have eight different locking positions when turning it around its longitudinal axis X₃₀.